



NORTHEAST TEXAS
COMMUNITY COLLEGE

focused

**HORTICULTURE
ADVANCED PLANT SCIENCE
DUAL CREDIT**

AGRI 1415

Course Syllabus

Tracy Dicken-Instructor
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HORTICULTURE AGRI 1415
(*DUAL CREDIT – ADVANCED PLANT SCIENCE*)
Fall, 2017

COURSE: Advanced Plant Science **COURSE NUMBER:** CH Dual Credit **INSTRUCTOR:** Tracy Dicken
OFFICE: Chapel Hill HS Campus

OFFICE PHONE: 903-456-2374 **OFFICE HOURS:** M-F, 7:30-4:00

E-MAIL ADDRESS: tdicken@chisddevils.com

MEETING DAYS AND TIME: M-F, 11:07-12:00

REQUIRED TEXT:

Practical Horticulture, Seventh Edition, by Laura Williams Rice
and Robert P. Rice Jr. ISBN-10: 0135038669 | ISBN-13: 978-0135038666

OBJECTIVES:

Students will gain understanding of fundamental principles and practices of growth, structure, nomenclature, scientific method, and the use of horticultural plants. Course includes introduction to commercial crops, ornamental crops, orcharding, vegetable gardening, propagation, and landscaping.

COURSE POLICIES:

Work to be turned in for a grade that is missed due to absence may be made up on the student's time and at the convenience of the instructor. Work, including exams, missed due to an absence, must be made up within the same number of days the student was out. Students absent will be responsible to get class notes missed from another student or from the textbook. Any work or exam not made up will be assigned a grade of zero. All makeup work policy is up to the discretion of the instructor.

Disability Support Services provide services to students who have appropriate documentation of a disability. Students requiring accommodations for class are responsible for contacting campus administrators to inform them of special circumstances. This service is available to all students, regardless of location. Reasonable accommodations will be given in accordance with the federal and state laws

The instructor reserves the right of final decision in course requirements.

Individuals are expected to be cognizant of what a constructive educational experience is and respectful of those participating in a learning environment. Failure to do so can result in disciplinary action up to and including removal from class.

REQUIREMENTS:

Attendance is expected and required per the Chapel Hill ISD District Policy. Tardiness on days labs are held off campus will be counted as an absence, as you will be unable to participate in lab activities that day. There are no student restrooms in this building, so please plan accordingly.

EVALUATION:

Final course grades will be assigned as follows:
90-100 = A 80-89 = B 70-79 = C 60-69 = D 59 or Below = F

Grades will be calculated as follows:

Tests = 45%
Labs = 30%
Daily grades = 25%

This course offers no re-testing opportunities as multiple test/project/research paper grades will be taken each grading period. Late work may be turned in, but will receive a 10 point per day late deduction.

COURSE CONTENT OUTLINE:

The “Green Industry” and Careers in Horticulture Botanical Nomenclature, Anatomy, and Physiology Plant Growth and Development
Climate and Plant Growth Plant
Propagation Outdoor Soils and Fertility
Diagnosing and Treating Outdoor Plant Disorders Vegetable Gardening
Growing Tree Fruits and Nuts Bush and Other Small Fruits Flower and Herb Gardening Home Landscape Planning
Landscape Installation and Maintenance Lawns and Lawn-Substitute Plants Indoor Plant Maintenance
Media, Fertilizers, and Watering Light and Indoor Plant Growth
Controlling Indoor Plant Pests and Diseases Decorating with Growing Plants and Fresh Flowers
Greenhouses and Related Climate-Controlling Structures

ACADEMIC HONESTY:

Academic dishonesty or cheating of any sort will not be tolerated. Cheating violations include, but are not limited to: (1) obtaining an examination, classroom activity, or laboratory exercise by stealing or collusion; (2) discovering the content of an examination, classroom activity, laboratory exercise, or homework assignment before it is given; (3) using an unauthorized source of information during an examination, classroom activity, laboratory exercise, or homework assignment; (4) entering an office or building to obtain unfair advantage; (5) taking an examination for another person; (6) completing a classroom activity, laboratory exercise, homework assignment, or research paper for another person; (7) altering grade records; (8) using any unauthorized form of electronic communication device during an examination, classroom activity, or laboratory exercise; (9) Plagiarism. Plagiarism is the using, stating, offering, or reporting as one’s own, an idea, expression, or production of another person without proper credit. Disciplinary actions for cheating in a course are at the discretion of the instructor.

JOURNAL:

Students will be required to maintain an agriculture experience journal throughout the course of the year. They will be required to accrue a minimum of 50 agriculture experience hours per semester. These hours may come from a variety of experiences related to agriculture. These hours will be logged on the following website: www.theaet.com

Agriculture experience hours will be graded throughout the year. Training will be provided on how to access the website and how to enter hours properly.

Examples Journal Hours:

- Evaluated hay pasture before cutting.
- Planted pansies in flower bed.
- Watched National Geographic episode over feeding the world’s growing population.
- Welded carbon steel.
- Selected Angus bull to breed to crossbred cows.
- Identified cuts of meat at the supermarket.
- Researched how to prevent foodborne illness in the kitchen.

*All hours are subject to teacher approval and must be in complete sentences for credit.

I have read and understand the information outlined in this syllabus and agree to the requirements specified.

Student Signature

Parent Signature

ADA Statement

It is the policy of Northeast Texas Community College to provide reasonable accommodations for qualified individuals who are students with disabilities. This College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to arrange an appointment with a College counselor to obtain a Request for Accommodations form. For more information, please refer to the Northeast Texas Community College Catalog or Student Handbook.

ACADEMIC HONESTY POLICY

"Students are expected to complete course work in an honest manner, using their intellects and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. NTCC upholds the highest standards of academic integrity. This course will follow the NTCC Academic Honesty policy stated in the Student Handbook."